

APPENDIX B

Sequence Comparison — Mouse TERT vs. Mouse RNA component

Mouse hTERT mRNA sequence

LOCUS AF051911 3426 bp mRNA linear ROD 01-DEC-2000
 DEFINITION Mus musculus telomerase reverse transcriptase mRNA, complete cds.
 AUTHORS Greenberg,R.A., Allsopp,R.C., Chin,L., Morin,G.B. and DePinho,R.A.
 TITLE Expression of mouse telomerase reverse transcriptase during development, differentiation and proliferation
 JOURNAL Oncogene 16 (13), 1723-1730 (1998)

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1 gtgggaggcc catcccgcc ttgagcaca tgaccgcgc tcctcgttg cccgcggtgc
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3421 aacatg
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Mouse telomerase RNA component sequence

LOCUS MMU33831 590 bp DNA linear ROD 07-JAN-1998
DEFINITION Mus musculus telomerase RNA component gene.
AUTHORS Blasco,M.A., Funk,W., Villeponteau,B. and Greider,C.W.
TITLE Functional characterization and developmental regulation of mouse telomerase RNA
JOURNAL Science 269 (5228), 1267-1270 (1995)

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481 acaaccccc ttcgcgtg ggaaatgccc cgctgcaggg cgggccgcta gaacctgcga
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Sequence Comparison

Performed at the following website:
<http://www.ncbi.nlm.nih.gov/blast/bl2seq/bl2.html>



Blast 2 Sequences results

BLAST 2 SEQUENCES RESULTS VERSION BLASTN 2.2.5 [Nov-16-2002]

Sequence 1 lcl|seq_1 Length 3426

Sequence 2 lcl|seq_2 Length 590

No significant similarity was found